

CLAIMS

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2 1. A devitalized matrix for inducing repair of tissue defects in a mammal,
3 comprising:
4 an isolated devitalized mammalian epithelial basement membrane and tunica
5 propria immediately subjacent to said basement membrane.
- 1 2. The matrix of claim 1 wherein said basement membrane is derived from
2 urinary bladder.
- 1 3. The matrix of claim 1 wherein said basement membrane is derived from
2 small intestine.
- 1 4. The matrix of claim 1 wherein said matrix is sutured at said tissue defect.
- 1 5. The matrix of claim 1 wherein said matrix is injected into said tissue
2 defect.
- 1 6. The matrix of claim 1 wherein said matrix is applied to a tissue defect
2 fixation device.
- 1 7. The matrix of claim 1 wherein said matrix is mixed with a pharmaceutical
2 agent.
- 1 8. A method for inducing repair of a tissue defect in a mammal, said method
2 comprising:
3 providing to a defect site, a devitalized matrix comprising a mammalian epithelial
4 basement membrane and tunica propria immediately subjacent to said basement
5 membrane.
- 1 9. The method of claim 8 wherein said repair comprises induction of
2 connective tissue repair and epithelial tissue repair at said tissue defect site.
- 1 10. A devitalized composition, comprising:
2 mammalian epithelial basement membrane and tunica propria immediately
3 subjacent to said epithelial basement membrane, wherein said basement membrane and

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1 17. The method of claim 13 wherein said epithelial tissue comprises small
2 intestine.